

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
28 October 2004 (28.10.2004)

PCT

(10) International Publication Number  
**WO 2004/093471 A3**

(51) International Patent Classification<sup>7</sup>: **H04Q 7/00**

(21) International Application Number:  
PCT/US2004/009734

(22) International Filing Date: 30 March 2004 (30.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0307434.1 31 March 2003 (31.03.2003) GB

(71) Applicant (for all designated States except US): **MI-CROWAVE PHOTONICS, INC.** [US/US]; 11845 W. Olympic Boulevard, Suite 695, Los Angeles, CA 90064 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **RANSOME, Peter, David** [GB/CH]; 7, Crets de Pregny, CH-1218 Grand Saconnex (CH). **TAYLOR, James, Laurence** [GB/FR]; 8, allée de la Grenouillere, F-78680 Epone (FR). **SMYTH, Peter, Paul** [GB/GB]; The Old Piggy Mill Road, Newbourne, Suffolk IP12 4NP (GB).

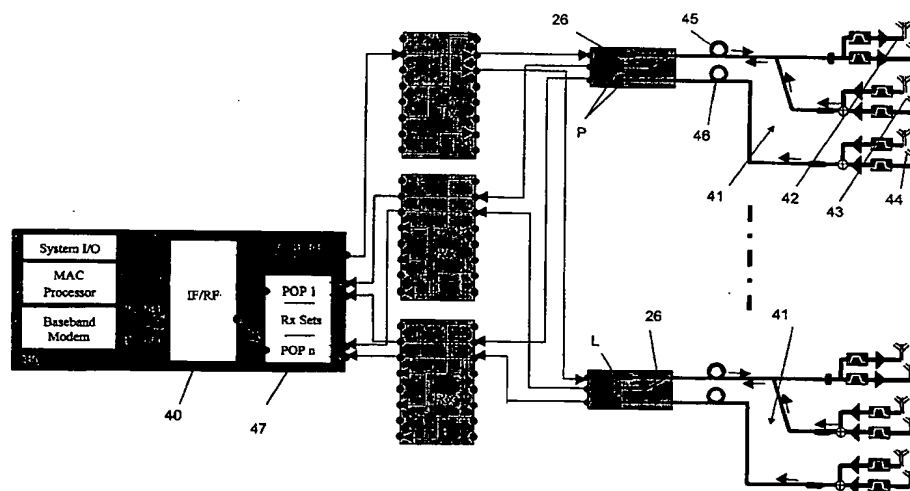
(74) Agents: **ARJOMAND, Mehran et al.**; Morrison & Foerster LLP, 555 West Fifth Street, Los Angeles, CA 90013 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: NETWORK



(57) Abstract: A communications network comprises two or more cell sites for communication with wireless terminals. At least one of the cell sites has multiple receive antennas (43, 44). A central site has one or more interface controllers (25) and a switch system (12) through which the controllers are connected to the cell sites. For each controller in communication with a wireless terminal, a cell site is selected for reception of signals from the terminal, and for each selected cell site having more than one receive antenna, an antenna within the site is selected for reception from the terminal.

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**Declaration under Rule 4.17:**

— *of inventorship (Rule 4.17(iv)) for US only*

**Published:**

— *with international search report*

**(88) Date of publication of the international search report:**  
23 December 2004

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/09734

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 7/00

US CL : 370/338

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 370/ 338, 339, 328, 330, 335, 342, 465

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|------------------------------------------------------------------------------------|-----------------------|
| A          | US 6,072,790 A (NEUMILLER et al), June 6, 2000, all                                | 1                     |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

| * Special categories of cited documents:                                                                                                                                |                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "A" document defining the general state of the art which is not considered to be of particular relevance                                                                | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention                                              |
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| "P" document published prior to the international filing date but later than the priority date claimed                                                                  |                                                                                                                                                                                                                                                  |

Date of the actual completion of the international search

03 September 2004 (03.09.2004)

Date of mailing of the international search report

07 OCT 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Chau T Nguyen

Telephone No. 703-305-4800

*Rugenia Zogan*

**INTERNATIONAL SEARCH REPORT**

PCT/US04/09734

**Continuation of B. FIELDS SEARCHED Item 3:**

EAST

search term: antennas, network, cell site, switch, controller, interface, fiber, protocol